Data

Version	Thermostatic valve with outer pressure compensation

Tightening torques	Nm	(kpm)
Pressure hose to expansion valve 5/8"	15–18	(1.5–1.8)
Suction hose to expansion valve 7/8"	29–37	(2.9–3.7)
Evaporator pipe lines 3/4"	24–28	(2.4–2.8)
Evaporator pipe line 7/8"	29–37	(2.9–3.7)

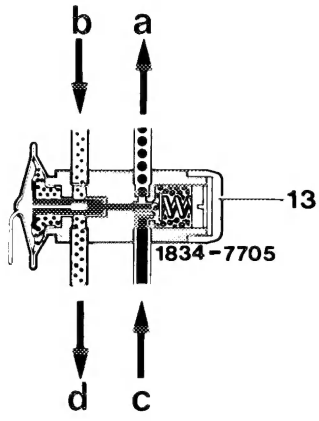
Note

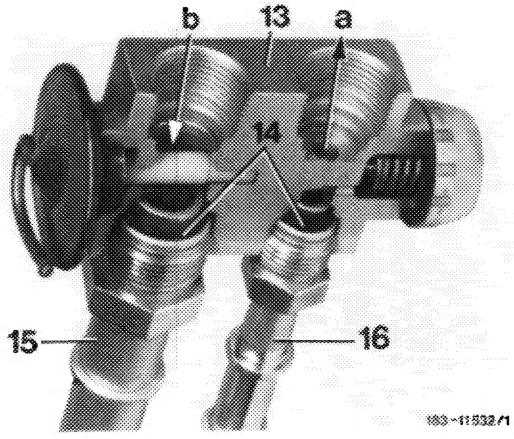
If heavy contamination is shown up in expansion valve, replace receiver dehydrator and expansion valve (83–530).

Injection valve (diagram)

a To evaporator
b From evaporator
c From receiver dehydrator
d To compressor

13 Injection valve
14 O-ring
15 O-ring fitting for hose line from injection valve to refrigerant compressor
16 O-ring fitting for hose line from receiver dehydrator to injection valve





Injection valve (section)

Removal

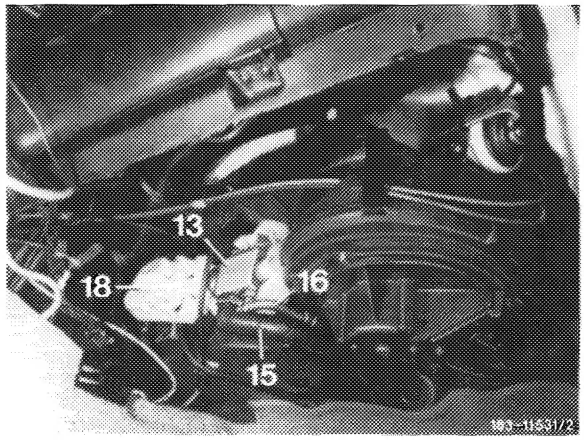
1 Drain air-conditioning system (83–516).

2 Remove cover at right under instrument panel (68–150).

3 Open insulating housing (18) by half.

4 Unscrew hose and pipe lines on injection valve (13).

5 Remove injection valve and close connections with plug.



Installation

6 Moisten threads with cold-flowing oil and check O-rings (14).

7 Screw injection valve (13) to evaporator pipes.

8 Connect refrigerant line (15 and 16) to injection valve.

9 Evacuate air-conditioning system, refill and check for function and leaks (83–510, 512 and 514).

10 Attach housing (18) carefully to injection valve.

11 Install cover under instrument panel.